

March 29<sup>th</sup>, 2024

To whom it may concern,

The *Idaho National Laboratory Center for Radiation Chemistry Research* supports the IAC's proposal to upgrade their infrastructure in support of isotope production, research accelerator upgrades, and radioactive material handling. We have been working with the IAC for multiple years in support of several applied and fundamental nuclear fuel cycle related research programs, including those involved in the development of next generation molten salt fueled and cooled reactors and advanced technologies for the management of used nuclear fuel. The upgrades requested by the IAC will establish new capabilities of great interest for furthering our research efforts.

Please feel free to contact me if you have further questions.

Yours sincerely,

**Dr. Gregory P. Holmbeck**

Director of the INL Center for Radiation Chemistry Research,  
Aqueous Separations and Radiochemistry,  
Idaho National Laboratory  
P.O. Box 1625, Idaho Falls, ID, 83415-2208  
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3/28/24, 2:33 PM

Gmail - Fwd: INL Support for IAC Upgrades



Marty Blair <martin.e.blair@gmail.com>

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**Fwd: INL Support for IAC Upgrades**

1 message

Thu, Mar 28, 2024 at 2:33 PM

**Martin Blair** <martinblair@isu.edu>  
To: Marty Blair <martin.e.blair@gmail.com>

**From:** "Matthew G. Watrous" <matthew.watrous@inl.gov>  
**Subject:** INL Support for IAC Upgrades  
**Date:** March 28, 2024 at 2:26:58 PM MDT  
**To:** "jonstoner@isu.edu" <jonstoner@isu.edu>

To whom it may concern,

We support the IAC proposal to upgrade their infrastructure in support of isotope production, research accelerator upgrades and radioactive material handling. We have been working with the IAC for several years in support of key projects and initiatives with the DOE, DTRA, DOD, DHS and internal INL research. We can see a clear route to proposing broader research with increased capability at the IAC. This would be a very exciting development and open up the aperture for research we could pursue.

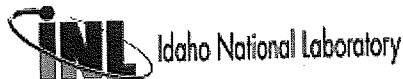
Sincerely,

**Matthew Watrous, PhD**

*Department Manager | Radiochemistry and Nuclear Measurements*

*Matthew.Watrous@inl.gov | 208-526-3955 | 208-419-1418*

*Idaho National Laboratory | PO Box 1625, MS 2212 | Idaho Falls, ID 83415*



3/28/24, 2:14 PM

Gmail - Fwd: IAC upgrade proposal support



Marty Blair <martin.e.blair@gmail.com>

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**Fwd: IAC upgrade proposal support**

1 message

Thu, Mar 28, 2024 at 2:14 PM

**Martin Blair** <martinblair@isu.edu>  
To: Marty Blair <martin.e.blair@gmail.com>

**From:** "Frankle, Chris" <cfrankle@lanl.gov>  
**Subject:** IAC upgrade proposal support  
**Date:** March 28, 2024 at 12:23:07 PM MDT  
**To:** Jon Stoner <jonstoner@isu.edu>  
**Cc:** "Coupland, Daniel David Schechtman" <dcoupland@lanl.gov>, "Dale, Magdalena Elizabeth" <medale@lanl.gov>

To whom it may concern:

We fully support the IAC proposal to upgrade their short pulse linear accelerator and related infrastructure. I have personally returned many times to IAC for over two decades to use the unique capabilities of the short pulse linac. The capabilities of this linac directly support DOE/NNSA programs within both the weapons program portfolio and the defense nuclear nonproliferation portfolio. Over the years my programs have directly invested in increased capabilities of this machine and additional upgrades will continue to increase the value of it for our programs. If there are specific questions or concerns that I can answer related to this proposal please do not hesitate to contact me.



signature\_61897647

**Dr. Chris Frankle**  
**Senior Diagnostic Coordinator**  
**SCE Program/Physics Division**

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